

Listing of Claims:

6. (Previously Presented) A method for manufacturing components of a gas turbine, in particular of an aircraft engine, by injection molding by a powder metallurgy method, wherein multiple molded articles are fabricated using powder-binder mixtures and each molded article is then subjected to a debinding process, wherein each molded article is subsequently compressed or shrunk by sintering to have a desired geometric property, and wherein to produce a component, multiple molded articles are joined together by a diffusion process during sintering by first bringing the molded articles to be joined together into surface contact at least during the sintering on sections that are to be joined together, wherein pressure is applied to the molded articles that are to be joined together during the sintering process.
7. (Previously Presented) The method according to Claim 6, wherein a coating is applied to at least one of the sections of the molded articles to be joined together to support the diffusion process.
8. (Previously Presented) The method according to Claim 7, wherein the coating is applied as a film or slip layer.
9. (Previously Presented) The method according to Claim 6, wherein when the molded articles that are to be joined together have different shrinkage properties during sintering, a molded article having a greater shrinkage is shrunk onto the molded article having a lower shrinkage.
10. (Previously Presented) The method according to Claim 6, wherein the component is a blade or blade segment, in particular a guide vane, a guide vane segment, rotor blade or rotor blade segment of an aircraft engine or a rotor having integral blading.
11. (Previously Presented) A method for manufacturing a component of a gas turbine engine, comprising the steps of:

injection molding by a powder metallurgy method a first and a second molded article;

debinding the first and second molded articles; and

joining the first molded article to the second molded article, wherein the first and second molded articles are joined by a diffusion process during a sintering process and wherein a pressure is applied to the first and second molded articles during the sintering process.

12. (Previously Presented) The method according to Claim 11, wherein during the sintering process the first and second molded articles are reduced in size.

13. (Previously Presented) The method according to Claim 11, wherein the first and second molded articles are brought into surface contact with each other during the debinding process.

14. (Previously Presented) The method according to Claim 13, wherein the first and second molded articles are brought into form-fitting surface contact.